(FILE 'HOME' ENTERED AT 12:43:59 ON 27 MAR 2008) FILE 'REGISTRY' ENTERED AT 12:44:18 ON 27 MAR 2008 1 S 28062-44-4 L1FILE 'CAPLUS' ENTERED AT 12:44:41 ON 27 MAR 2008 S 28062-44-4/REG# FILE 'REGISTRY' ENTERED AT 12:44:51 ON 27 MAR 2008 L2 1 S 28062-44-4/RN FILE 'CAPLUS' ENTERED AT 12:44:51 ON 27 MAR 2008 L3452 S L2 9 S L3 AND ?SUCCINIMIDE L4FILE 'REGISTRY' ENTERED AT 12:53:27 ON 27 MAR 2008 FILE 'CAPLUS' ENTERED AT 12:53:34 ON 27 MAR 2008 S 6066-82-6/REG# FILE 'REGISTRY' ENTERED AT 12:53:43 ON 27 MAR 2008 L5 1 S 6066-82-6/RN FILE 'CAPLUS' ENTERED AT 12:53:43 ON 27 MAR 2008 L6 5363 S L5 L7 7 S L3 AND L6 L8 9995 S 6066-28-6 OR ?HYDROXYSUCCINIMIDE OR ?PYRROLIDINEDIONE S 28062-44-4/REG# OR ((?PYRROLIDONE? OR ?POVIDONE? NEAR2 ?ACRYL FILE 'REGISTRY' ENTERED AT 13:06:17 ON 27 MAR 2008 L9 1 S 28062-44-4/RN FILE 'CAPLUS' ENTERED AT 13:06:18 ON 27 MAR 2008 L10 452 S L9 L11 471 S L10 OR ((?PYRROLIDONE? OR ?POVIDONE? NEAR2 ?ACRYLIC?) (S) COP L12 7 S L6 AND L11 SET NOTICE DISPLAY 1 SET AUHELP OFF SET SMART OFF SET MSTEPS OFF SET EXPAND CONT SET AUDIT OFF DEL SEL Y FILE 'CAPLUS' ENTERED AT 13:08:27 ON 27 MAR 2008 1 S DE 3502998/PN, APPS L13 FILE 'INPADOCDB' ENTERED AT 13:08:28 ON 27 MAR 2008 FILE 'CAPLUS' ENTERED AT 13:08:29 ON 27 MAR 2008 L14TRA L13 1- PN : 1 TERM FILE 'INPADOCDB' ENTERED AT 13:08:30 ON 27 MAR 2008 L15 1 SEA L14 L16 0 S L15 AND US/PC L17 0 S L15 AND ZA/PC L18 0 S L15 AND EP/PC AND EN/LA T.19 0 S L15 AND WO/PC AND EN/LA L20 0 S L15 AND AU/PC

SET AUHELP LOGIN SET SMART LOGIN

SET MSTEPS LOGIN

SET EXPAND LOGIN

SET AUDIT LOGIN

SET NOTICE LOGIN DISPLAY

FILE 'STNGUIDE' ENTERED AT 13:09:11 ON 27 MAR 2008

=> fil req

COST IN U.S. DOLLARS SINCE FILE ENTRY SESSION 1.32 140.55

FULL ESTIMATED COST

SINCE FILE TOTAL

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

ENTRY SESSION

CA SUBSCRIBER PRICE

-18.400.00

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STRUCTURE FILE UPDATES: 26 MAR 2008 HIGHEST RN 1010293-80-7 DICTIONARY FILE UPDATES: 26 MAR 2008 HIGHEST RN 1010293-80-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=> d 28062-44-4

ANSWER 1 REGISTRY COPYRIGHT 2008 ACS on STN

28062-44-4 REGISTRY RN

Entered STN: 16 Nov 1984 ED

2-Propenoic acid, polymer with 1-ethenyl-2-pyrrolidinone (CA INDEX NAME) CN OTHER CA INDEX NAMES:

2-Pyrrolidinone, 1-ethenyl-, polymer with 2-propenoic acid (9CI) CN

Acrylic acid, polymer with 1-vinyl-2-pyrrolidinone (8CI) CN

OTHER NAMES:

CN ACP 1005

ACP 1042 CN

CN ACP 142

CN Acrylic acid-1-viny1-2-pyrrolidinone polymer

CN Acrylic acid-1-viny1-2-pyrrolidone copolymer

CN Acrylic acid-N-vinyl-2-pyrrolidinone copolymer

CMAcrylic acid-N-vinyl-2-pyrrolidone copolymer

```
CN
    Acrylic acid-N-vinylpyrrolidinone copolymer
CN
     Acrylic acid-N-vinylpyrrolidinone polymer
CN
     Acrylic acid-N-vinylpyrrolidone copolymer
CN
     Acrylic acid-vinylpyrrolidone copolymer
CN
     Acrylic acid-vinylpyrrolidone polymer
CN
     Acrylidone
CN
     Acrylidone 1001
CN
     Acrylidone ACP 1001
CN
     Acrylidone ACP 1003
CN
     Acrylidone ACP 1004
CN
     Acrylidone ACP 1005
CN
     Acrylidone ACP 1042
CN
     Agrimer AA
CN
     N-Vinylpyrrolidone-acrylic acid copolymer
CN
CN
     NA 5 (vinyl polymer)
     Sokalan EG 310
CN
CN
     Sokalan PG 310
     TSP 7C
CN
CN
     Vinylpyrrolidone-acrylic acid copolymer
CN
     Vinylpyrrolidone-acrylic acid polymer
     287399-96-6
DR
MF
     (C6 H9 N O . C3 H4 O2) x
CI
     PMS, COM
PCT Polyacrylic, Polyvinyl
LC
     STN Files:
                  BIOSIS, CA, CAPLUS, CHEMLIST, DDFU, DRUGU, IFICDB, IFIPAT,
       IFIUDB, MEDLINE, PROMT, RTECS*, TOXCENTER, USPAT2, USPATFULL, USPATOLD
         (*File contains numerically searchable property data)
     Other Sources: NDSL**, TSCA**
         (**Enter CHEMLIST File for up-to-date regulatory information)
     CM
          1
     CRN 88-12-0
     CMF C6 H9 N O
 CH = CH_2
     CM
          2
     CRN 79-10-7
     CMF C3 H4 O2
HO-C-CH CH2
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**
```

451 REFERENCES IN FILE CA (1907 TO DATE)

71 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

452 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 6066-82-6

ANSWER 1 REGISTRY COPYRIGHT 2008 ACS on STN RN 6066-82-6 REGISTRY Entered STN: 16 Nov 1984 2,5-Pyrrolidinedione, 1-hydroxy- (CA INDEX NAME) OTHER CA INDEX NAMES: Succinimide, N-hydroxy- (6CI, 7CI, 8CI) OTHER NAMES: 1-Hydroxy-2,5-pyrrolidinedione CN CN 1-Hydroxysuccinimide CN Hydroxysuccinimide CN N-Hydroxy-2,5-dioxopyrrolidine N-Hydroxysuccinamide CN CN N-Hydroxysuccinimide NSC 74335 CN C4 H5 N O3 MF CI COM AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAOLD, LCSTN Files: CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, PIRA, PROMT, PS, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL, USPATOLD (*File contains numerically searchable property data) Other Sources: DSL**, EINECS**, TSCA** (**Enter CHEMLIST File for up-to-date regulatory information)

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5338 REFERENCES IN FILE CA (1907 TO DATE)
397 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

5363 REFERENCES IN FILE CAPLUS (1907 TO DATE)
5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)